### (19) World Intellectual Property Organization International Bureau

TIPO OMPI

### 

## (43) International Publication Date 30 June 2005 (30.06.2005)

**PCT** 

# (10) International Publication Number WO 2005/060294 A1

(51) International Patent Classification7:

H04Q 7/36

(21) International Application Number:

PCT/SE2003/001963

(22) International Filing Date:

17 December 2003 (17.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

- (71) Applicant (for all designated States except US): TELE-FONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164-83 Stockholm (SE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MAGNUSSON, Per [SE/SE]; Skogsgatan 51, S-587 23 Linköping (SE). WAL-LENTIN, Pontus [SE/SE]; Hjälmsätersgatan 2B, S-582 17 Linköping (SE). MALMGREN, Göran [SE/SE]; Hedvägen 4, S-141 71 Huddinge (SE).
- (74) Agent: DR LUDWIG BRANN PATENTBYRÅ AB; P O Box 17192, S-104 62 Stockholm (SE).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Declaration under Rule 4.17:

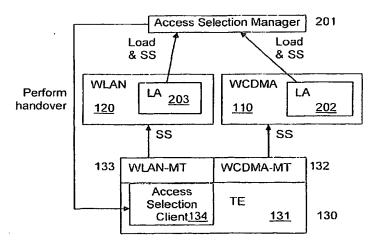
of inventorship (Rule 4.17(iv)) for US only

#### Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM AND METHOD FOR RADIO RESOURCE MANAGEMENT IN A COMMUNICATION SYSTEM



(57) Abstract: The present invention relates to methods and arrangements for managing radio resources for providing wireless access to a communication system to a number of terminals. The communication system comprises a first access network (120) using a first access technology and at least one second access network (110) using at least one second access technology different to the first access technology. A listening agent (203) situated in at least the first access network (120) extracts access relevant information from existing messages within at least the first access network. The access relevant information is sent to an access selection manager (201) that compares the extracted access relevant information to access relevant information received from theat least one second access network (110) and determines which access network a terminal (130) should access based on the comparison.

1060294 A1